





**Sensor controlled hot plate with sensor arranged below the plate****Publication number:** DE19856140**Publication date:** 2000-06-08**Inventor:** HAS UWE (DE); HORN KATRIN (DE); NEUHAUSER  
MAXIMILIAN (DE)**Applicant:** BSH BOSCH SIEMENS HAUSGERAETE (DE)**Classification:****- international:** *H05B3/74; H05B3/68; (IPC1-7): H05B1/02; H05B3/74***- european:** H05B3/74P**Application number:** DE19981056140 19981204**Priority number(s):** DE19981056140 19981204**Also published as:**

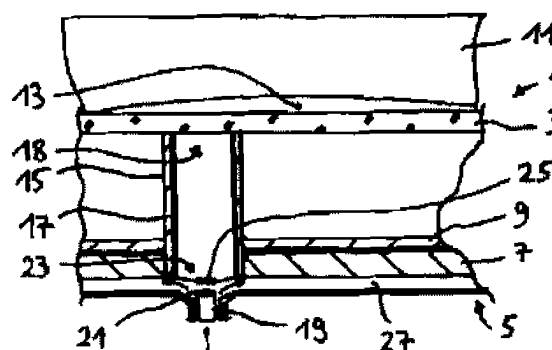
	EP1006756 (A1)
	US6225607 (B1)
	EP1006756 (B1)
	ES2178337T (T3)

[Report a data error here](#)

Abstract not available for DE19856140

Abstract of corresponding document: **EP1006756**

The value of the transmission of a cooking plate (3) in a spectral measurement aperture (18) towards the infrared (IR) radiation sensor (19) is smaller than 10% approaching 0%. A reflection-layer (17) is deposited on wall of a measurement hole (15) to increase of sensitivity the measurement. Under a cooking plate (3), a measurement aperture (18) passes the heat radiation towards the IR sensor (19).

**Figur 1**Data supplied from the *esp@cenet* database - Worldwide